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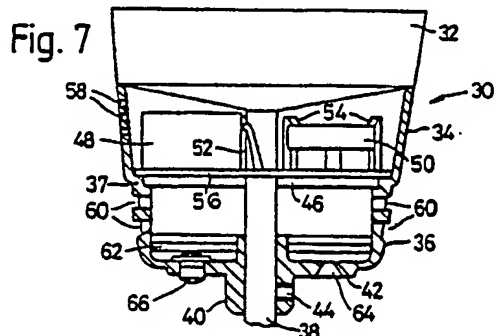
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Smoke detector devices and detector circuit.

**EP 0 346 152 A3**  
 A smoke detector device comprises a housing (30) adapted to be mounted below an existing ceiling rose fitting (32) and to be clamped to an electrical flex (38) passing therethrough. The housing (30) encloses a smoke detector circuit formed on a printed circuit board (62), a battery (48) and an alarm sounder (50). The device is intended particularly for use in domestic environment, and is intended unobtrusive and inexpensive. An alternative embodiment includes a housing adapted to replace existing ceiling rose fittings; A novel photoelectric-type detector circuit, incorporating an integrated circuit and high intensity light emitting diode, is also described, which again is intended to be compact and inexpen-

sive.





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number

EP 89 30 5902

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	US-A-4 090 178 (E.G. NORRIS) * figures 1,2A,2B; abstract; column 6, lines 10-12 *	1	G 08 B 17/10
A		2-7,10,17,21,22	
X	--- GB-A-2 008 871 (ESB INTERNATIONAL CORP.) * figures 1,2; abstract; page 1, line 64 - page 2, line 3; page 5, line 59 - page 6, line 3 *	1	
A		11,20	
A	--- US-A-4 087 799 (F. BROUWER) * figure 1; abstract; column 5, line 66 - column 6, line 8 *	12,13,19,20	
A	--- US-A-4 539 556 (S.S. DEDERICH et al.) * figure 4; abstract; column 5, lines 10-19, column 5, line 67 - column 6, line 41 *	13,17,18,21,22	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 08 B
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 04-07-1990	Examiner DANIELIDIS S
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons * : member of the same patent family, corresponding document			

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